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(71)Applicant : CENTRAL JAPAN RAILWAY CO
FUJI ELECTRIC CO LTD

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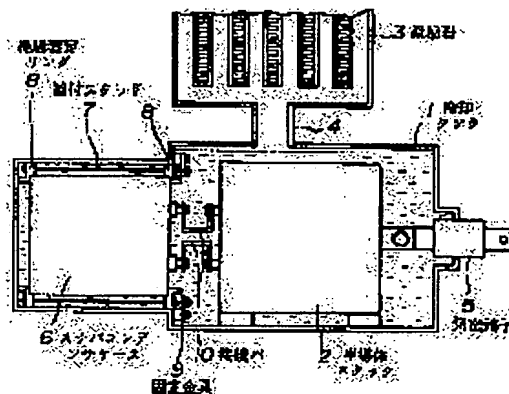
(72)Inventor : ISHIZU KAZUMASA
SHIBUYA SUSUMU
INETAMA SATORU
YANO KAZUHIRO
KINOSHITA SHIGENORI
YOSHIKAWA HARUKI
UMETSU KAZUYOSHI

(54) IMMERSED BOILING COOLER FOR POWER CONVERTER

(57)Abstract:

PURPOSE: To exhibit the performance of a switching element by lessening the wiring inductance.

CONSTITUTION: The wiring inductance is made small and a converter is downsized by putting a snubber capacitor (shown as a snubber capacitor 6) used as the accessory of a semiconductor element, which constitutes a large capacity of power converter, in cylindrical shape, and accommodating it in a cooling tank 1 together with a semiconductor element (semiconductor stack) 2, and connecting the snubber capacitor 6 with the semiconductor stack 2 in parallel and at the shortest distance by means of a connection bar 10.



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